Appl. No. 10/707,801

Amdt. dated September 18, 2006

Reply to Office action of July 07, 2006

## Amendments to the Specification:

Please replace paragraph [0019] with the following amended paragraph:

Referring to FIG. 3, an easy-to-maintain rear projector television 2 television 20 according to the invention includes a casing 20 casing 21 and a plurality of module units [[21]] mounted inside the casing 21. A space 211 is defined in the casing 21 and communicates with a plurality of maintenance holes formed through the casing 21.

Please replace paragraph [0020] with the following amended paragraph:

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Referring to FGI. 4A FIG. 4A and FIG. 4B, a guiding element 212 is mounted on an inner bottom 2111 inside the space 211. The guiding element 212 is a reversed L-shape plate and is vertically mounted on the inner bottom 2111 to form a channel. A first maintenance hole 213 is formed through a rear side of the casing 21 and is covered with a first lid 214. Referring to FIG. 5, a second maintenance hole 215 is formed through a lateral side of the casing 21. The second maintenance hole 215 is covered with a second lid 216 having a vent hole 2161 as an exit for heat dissipation. Inner elements can be directly repaired or maintained after the second lid 216 is dismounted. Referring to FIG. 6A, a third maintenance hole 217 is formed through a lower part of a front side of the casing 21. A reflector (not shown) is mounted in a path of image beams projected onto a display screen 22, so that the image beams reach the display screen 22.

Please replace paragraph [0021] with the following amended paragraph:

Referring to FIG. 4B, control switches needed for image displaying of the rear projection television are modularized into several units including an electronic unit 23, a light engine 24 and a power supply unit 25. All the units are mounted inside the space 211. The electronic unit 23 includes a main board 231 and a plurality of auxiliary modules such as

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a cable TV tuner 232 inserted in the main board 231. The electronic unit 23 is mounted inside the casing 21 at a rear end, adjacent to the first maintenance hole 213. A guiding piece 233 and an ear 234 respectively protrude from a periphery of a bottom of the electronic unit 23. The guiding piece 233 corresponds to the guiding element 212. guiding element 212 of the casing 21 forms a channel to guide the electronic unit into the casing 21. Then, a crew inserts through the ear 234 to fasten the electronic unit 23 on the inner bottom 2111 of the space 211. Referring to FIG. 5, the tuner 232 is mounted onto the main board 231 next to the second maintain maintenance hole 215. The second maintenance hole 215 has a diameter through which the tuner 232 passes. The light engine 24 includes an optical module 241 and a set of bulbs 242. The optical module 241 is mounted at an inner front of the casing 21. The set of bulbs 242 is mounted adjacent to the third maintenance hole 217. The optical module 241 includes optical elements such as a spectrometer, a light valve, and a lens. Referring to FIG. 6B, the set of bulbs 242 includes a fixed basket 2421 and a dismountable basket 2422. replaceable bulb 2423 is mounted inside the dismountable basket 2422. The fixed basket 2421 and the optical module 241 form a unitary body. The dismountable socket 2422 and the fixed socket 2421 are combined together via bolts. When the dismountable basket 2422 is dismounted for replacement of the bulb 2423, the position of the optical module 241 is not changed and the original light path is not changed either. A handle portion 2424 is further formed at a front of the dismountable basket 2422 for convenient dismount of the basket 2422. Referring to FIG. 4A and FIG. 4B, the power supply unit 25 is mounted at an inner rear of the casing 21 near the first maintenance hole The power supply unit 25 is a rectangular body. Another ear 251 is formed on the power supply unit 25 near the first maintenance hole 213 for a bolt to penetrate through so as to fasten the power supply unit 25 onto the inner bottom 2111 of the casing 21. The ears 234, 251 are positioned near the maintenance hole 213 to provide a sufficient space for dismount of the bolt by a tool.

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Please replace paragraph [0022] with the following amended paragraph:

When one component inside the casing 21 needs repairing, only the lid corresponding the component to be repaired needs dismounting so that the component in question is taken from the casing via the corresponding maintain hole. In detail, referring to FIG. 4A and FIG. 4B, when the main board 231 of the electronic unit 23 is to be repaired, the first lid 214 is dismounted and then the crew is loosened. The electronic unit 23 as a whole slides out of the space 211 along the guiding element 212 and the guiding piece 233. After repairing is completed, the electronic unit 23 is placed to its initial position. When the tuner 232 of the electronic unit 23 is to be repaired, the second lid 216 is dismounted for the user or worker to put his or her hands into the second maintenance hole 215 to take the tuner 232 out for repairing. When the bulb needs to be replaced, the third lid is dismounted to expose the handle portion 2424 of the set of bulbs 242. The screw fastening the fixed basket 2421 and the movable basket 2422 are loosened to pull out the movable basket 2422 by means of the handle portion 2424. Then, a new bulb is put in place in the casing. When the power supply unit 25 needs repairing, only the first lid 214 needs to be dismounted and the bolt is loosened to take out and repair the power supply unit 25.